

ABSTRACT OF THE DISCLOSURE

A method for coding a motion vector using a 2-dimensional minimum
bitrate predicting technique is disclosed. A mode information (MODE) commonly
5 adopted to the factors 'X' and 'Y' are transmitted to thereby reduce its
transmission burden by using the two-dimensional minimum bitrate predicting
technique, so that a coding efficiency of a motion vector can be improved. In
addition, the two-dimensional MVD information coding method is proposed for the
low transfer rate mobile image which is very small and has very small motion, so
10 that even if a distribution characteristic of the MVD information is changed
according to the minimum bitrate prediction, a coding efficiency of a major motion
vector can be improved.